

DRAFT, DELIBERATIVE MATERIAL FOR INTERNAL EPA USE ONLY
BOARD OF SCIENTIFIC COUNSELORS EXECUTIVE COMMITTEE MEMBERSHIP GRID

PROFILE OF CURRENT MEMBERS

April 8, 2010

Name, Affiliation, Term, and Type of Appointment	1) Stakeholder Perspective 2) Who is being represented?	State	Experience in ____ (Rep) Expertise in ____ (SGE)	Basis for Recommendation
Current Executive Committee Members				
Gary S. Sayler, Ph.D. University of Tennessee Member since: May 2004 Term expires: October 2010 Appointment: Reappoint, SGE Recommendation: Not Applicable – Current Member MEMBER CURRENTLY SERVES AS CHAIR	1) Academic 2) SGE Member – Does not represent a group	TN	Expertise in: <ul style="list-style-type: none"> ● Biodegradation of Organic Pollutants ● Environmental Molecular Diagnostics ● Genetic Engineering ● Eco/Toxicological Impact of Contaminants on Microbial Communities 	Dr. Sayler is Beaman Distinguished University Professor, Department of Microbiology; Director, University of Tennessee-Oak Ridge National Lab Joint Institute for Biological Sciences; and Director, Center for Environmental Biotechnology, at the University of Tennessee. He is also American Chemical Society Associate Editor, <i>Environmental Science and Technology</i> . Dr. Sayler has more than 240 journal and symposium publications and serves on numerous boards/advisory panels.
Kenneth L. Demerjian, Ph.D. State University of New York, Albany Member since: May 2006 Term Expires: May 2011 Appointment: No Change, SGE Recommendation: Not Applicable – Current Member	1) Academic 2) SGE Member – Does not represent a group	NY	Expertise in: <ul style="list-style-type: none"> ● Physical and Atmospheric Chemistry 	Dr. Demerjian is Director of the Atmospheric Sciences Research Center (1986–present) and Professor in the Department of Earth and Atmospheric Sciences, University at Albany, State University of New York. He also holds appointments in the Departments of Environmental Health and Toxicology in School of Public Health at SUNY and is a Visiting Scientist at Harvard University. His research interests in the photochemistry and reaction mechanisms of polluted and clean atmospheres were initiated during his graduate education, and he has maintained active research programs in these and related areas for over three decades.
Clifford S. Duke, Ph.D. The Ecological Society of America Member since: May 2004 Term expires: May 2010 Appointment: No Change, SGE Recommendation: Not Applicable – Current Member	1) Environmental Society 2) SGE Member – Does not represent a group	DC	Expertise in: <ul style="list-style-type: none"> ● Environmental Toxicology ● Estuarine Ecology ● Algal Physiological Ecology ● Biochemistry ● Ecological Risk Assessment ● Policy Analysis 	Dr. Duke is Director of Science Programs at the Ecological Society of America (ESA) and manages their Science Programs/Sustainable Biosphere Initiative Office. Dr. Duke focuses on ecological projects; he has a co-op with NOAA on harmful algal blooms. His previous focus was on environmental impact analysis for defense, transportation, and waste management facilities nationwide. Dr. Duke has greater than 10 years experience with the National Environmental Policy Act.

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<p>Henry Falk, M.D., MPH U.S. Department of Health and Human Services</p> <p>Member since: Jan 2007 Term expires: Jan 2012 Appointment: No Change, RGE Recommendation: Not Applicable – Current Member</p>	<p>1) Federal Government Employee</p> <p>2) RGE Member – Centers for Disease Control and Prevention</p>	GA	<p>Expertise in:</p> <ul style="list-style-type: none"> • Health Effects of Environmental Hazards • Toxic Substances 	<p>Dr. Falk is Director, Coordinating Center for Environmental and Occupational Health and Injury Prevention, Centers for Disease Control and Prevention/Agency for Toxic Substances and Disease Registry, at the U.S. Department of Health and Human Services. Dr. Falk also serves as Director of the National Center for Environmental Health (NCEH) and as Assistant Administrator of the Agency for Toxic Substances and Disease Registry (ATSDR). Dr. Falk began his career with CDC in 1972 as an Epidemic Intelligence Service (EIS) officer stationed at Texas Children's Hospital in Houston. His work includes contributions to the federal responses to Three-Mile Island, Mount St. Helens, Hurricanes Hugo and Andrew, and the September 11 attacks. Additionally, Dr. Falk has authored or co-authored more than 100 publications spanning a range of subjects, including vinyl chloride-induced liver cancer, prevention of lead poisoning, and health effects of environmental hazards. Dr. Falk is a 30-year veteran of the U.S. Public Health Service Commissioned Corps, where his service culminated with being named Rear Admiral and being appointed as Assistant U.S. Surgeon General.</p>
<p>John P. Giesy, Ph.D. University of Saskatchewan, Canada</p> <p>Member since: May 2004 Term expires: May 2010 Appointment: No Change, SGE Recommendation: Not Applicable – Current Member</p>	<p>1) Academic</p> <p>2) SGE Member – Does not represent a group</p>	CA NA DA	<p>Expertise in:</p> <ul style="list-style-type: none"> • Fate/Effects of Substances in Aquatic Ecosystems • Ecological Risk Assessment • Endocrine Modulating Compounds • Metal Speciation • Environmental Chemistry 	<p>Dr. Giesy is the Canada Research Chair in Environmental Toxicology at the University of Saskatchewan, and Emeritus at Michigan State University. He has prepared 499 peer reviewed articles, 5 books, and 72 book chapters and is NIEHS Preceptor and member of NIH faculty. Dr. Giesy is a member of EPA's Science Advisory Board and is a member of several National Academy of Sciences panels. Dr. Giesy has held various Board positions for the Society of Environmental Toxicology and Chemistry (SETAC) and in Michigan. He is Editor for the Environmental Toxicology and Risk Assessment section of Chemosphere. Dr. Giesy was the sixth most cited author in the field of Environmental Science between 1993 and 2003 and is a consultant to numerous Federal, State, and private sector organizations. Dr. Giesy has received numerous awards nationally/internationally.</p>

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<p>Charles N. Haas, Ph.D. Drexel University</p> <p>Member since: Jan 2007 Term expires: Jan 2012 Appointment: No Change, SGE Recommendation: Not Applicable – Current Member</p>	<p>1) Academic</p> <p>2) SGE Member – Does not represent a group</p>	PA	<p>Expertise in:</p> <ul style="list-style-type: none"> • Drinking Water Treatment • Bioterrorism • Risk Assessment • Hazardous and Industrial Waste Treatment 	<p>Dr. Haas is Betz Chair Professor of Environmental Engineering in the Department of Civil, Architectural and Environmental Engineering at Drexel University. He is Co-Principal Investigator and Co-Director for the “Center for Advancing Microbial Risk Assessment,” a U.S. EPA and U.S. Department of Homeland Security Cooperative Center of Excellence (lead institution: Michigan State University). Dr. Haas has more than 150 journal publications and 14 books or other major works, serves on the Editorial Board for the <i>Journal of Medical Risk</i>, and is Associate Editor for the journal <i>Risk Analysis–Microbial Risk</i>. He is also a member and Vice Chair, Committee on Public Water Distribution Systems: Assessing and Reducing Risks. Recent advisory board work has included the National Research Council, Water Science and Technology Board.</p>
<p>Dennis Paustenbach, Ph.D., CIH, DABT ChemRisk, Inc.</p> <p>Member since: September 2008 Term expires: August 2011 Appointment: No Change, SGE Recommendation: Not Applicable – Current Member</p>	<p>1) Private Consulting Firm</p> <p>2) SGE Member – Does not represent a group</p>	CA	<p>Expertise in:</p> <ul style="list-style-type: none"> • Industrial and Environmental Toxicology • Occupational Health • Ecological and Human Risk Assessment • Ecotoxicology 	<p>Dr. Paustenbach is the President of Chemrisk, Inc., a consulting firm he founded in 1985, which specializes in human and ecological risk assessment and risk analysis of pharmaceuticals and medical devices. He is a board-certified toxicologist and industrial hygienist with nearly 25 years of experience in risk assessment, environmental engineering, ecotoxicology, and occupational health. He was previously a Vice President of Exponent, and prior to that, President and Chief Executive Officer (CEO) of McLaren-Hart Environmental, a nationwide consulting firm of 600 persons. His experience includes investigating the health effects of exposure to, as well as the remediation of, numerous carcinogenic and noncarcinogenic chemicals. Dr. Paustenbach has directed the scientific aspects of toxic tort cases, and has also provided expert witness testimony in public meetings and trials concerning the health effects of chemicals in sediments, air, soil, consumer products, groundwater, and the workplace. He has published approximately 200 peer-reviewed articles and written nearly 40 book chapters in the fields of industrial hygiene, human and aquatic toxicology, engineering, and risk assessment. His textbooks on risk assessment are among the most popular ever published and they have been adopted at a number of universities.</p>

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Martin Philbert, Ph.D. University of Michigan Member Since: May 2006 Term Expires: May 2011 Appointment: No Change, SGE Recommendation: Not Applicable – Current Member	1) Academic 2) SGE Member – Does not represent a group	MI	Expertise in: • Neurochemistry • Experimental Neuropathology • Toxicological Pathology	Dr. Philbert is a Professor of Toxicology, Executive Director of the Center for Risk Science and Communication, and Senior Associate Dean for Research at the University of Michigan School of Public Health. Dr. Philbert consults to the National Cancer Institute, National Institute of Environmental Health Sciences, the National Toxicology Program, and is a scientific advisor to the International Life Sciences Institute in Washington, DC. Dr. Philbert's research interests include the development of nanotechnology for intracellular measurement of biochemicals and ions and for the early detection and treatment of brain tumors. He is also actively engaged in the investigation of mechanisms of chemically induced energy deprivation syndromes in the central nervous system. He has published more than 100 scholarly manuscripts, book chapters, and abstracts and is the recipient of the 2001 Society of Toxicology Achievement Award.
P. Barry Ryan, Ph.D. Emory University Member Since: May 2006 Term Expires: May 2011 Appointment: No Change, SGE Recommendation: Not Applicable – Current Member	1) Academic 2) SGE Member – Does not represent a group	GA	Expertise in: • Exposure Assessment • Environmental Chemistry • Computational Chemistry	Dr. P. Barry Ryan is Professor of Exposure Assessment and Environmental Chemistry in the Department of Environmental and Occupational Health, Rollins School of Public Health, Emory University. He is jointly appointed in the Department of Chemistry at Emory. Dr. Ryan has been active in the exposure assessment field for nearly 25 years, has published in excess of 80 peer-reviewed manuscripts and book chapters, and has given over 150 presentations of his work to the scientific community. Dr. Ryan is a trained chemist and has a large laboratory facility. His work has included both cross-sectional and longitudinal studies of community-based exposure for multiple pollutants in multiple media.

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<p>Katherine von Stackelberg, Sc.D. NEK Associates and Harvard University</p> <p>Member since: September 2008 Term expires: August 2011 Appointment: No Change, SGE Recommendation: Not Applicable – Current Member</p>	<p>1) Private Consulting Firm and Academic</p> <p>2) SGE Member – Does not represent a group</p>	MA	<p>Expertise in:</p> <ul style="list-style-type: none"> • Developing Risk-Based Modeling Tools • Risk Assessment and Quantitative Uncertainty Analyses • Ecosystem Services • Value of Information Analyses 	<p>Dr. von Stackelberg is Principal and owner of NEK Associates, a small women-owned business that provides environmental consulting services. She is also a Research Manager (half-time) for the Harvard Center for Risk Analysis, where she leads several research projects related to environmental health impacts of power generation, traffic congestion, and ecosystem services. Much of Dr. von Stackelberg's work has focused on incorporating quantitative uncertainty analysis (e.g., analytical, probabilistic, and fuzzy methods) into the risk assessment process, and she has been at the forefront of the effort to promote uncertainty analysis and methods for communicating uncertainty to support environmental decision-making. She is an experienced modeler, and has managed and served as technical lead for several large US EPA and US Army Corps of Engineers projects focused on contaminated sediments. She also has been awarded several EPA STAR grants.</p> <p>Dr. von Stackelberg is also developing tools and methods to support sustainable approaches to environmental decision-making, particularly in terms of economic benefits related to ecosystem services. She is interested in approaches and tools for quantifying changes in ecosystem services, and identifying relationships between ecosystem services and benefits for use in cost-benefit, cost-effectiveness, and value of information analyses.</p>